ART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

OCT 2 6 2006

OCT 2 6 2006

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This appropriate. All further indicated unless correct maintenance fee notifica	ed below or directed oth	for transmitting the ISS ng the Patent, advance of herwise in Block 1, by (a) specifying a new cor	respondence address	s; and/or	(b) indicating a sepa	nould be completed where correspondence address as rate "FEE ADDRESS" for		
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use B	lock 1 for any change of address)	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.						
2101 L Street N	son JAPIRO MORIN & W	OSHINSKY LLP		Co	rtificate	of Mailing or Trans			
Washington, DC	20037-1526						(Depositor's name)		
							(Signature)		
							(Date)		
APPLICATION NO.	ATION NO. FILING DATE		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.		
10/688,977	10/688,977 10/21/2003				A8319.0027/P027		4184		
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	E PREV. PAID ISSU	JE FEE	TOTAL FEE(S) DUE	DATE DUE		
nonprovisional	NO	\$1400	\$300		\$1700		10/26/2006		
EXAMINER		ART UNIT	CLASS-SUBCLASS	٦	-				
YUN,		2882	378-019000						
CFR 1.363). Change of corresp Address form PTO/SF "Fee Address" ind	ondence address or indicatio ondence address (or Cha 3/122) attached. ication (or "Fee Address' 2 or more recent) attach	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (half/27/2826millEFRHE1 / 20000169 18688977 registered attorney or agent) and the names of up to 2 registered patent attorneys or agent (1150) name is listed, no name will be printed. 62 FC:1504							
	ess an assignee is ident h in 37 CFR 3.11. Comp	A TO BE PRINTED ON ified below, no assignee oletion of this form is NO	THE PATENT (print or t	ype) 83 FC:(patent. If an assign n assignment.	nee is id		300,00 OP 9.00 OP ocument has been filed for		
Hitachi, Ltd	l.		Tokyo, Japan						
Please check the appropr	iate assignee category or	categories (will not be p	rinted on the patent):	Individual 🚨 C	orporatio	on or other private gro	up entity Government		
Ha. The following fee(s): X Issue Fee X Publication Fee (N X Advance Order - i	io small entity discount p	 ab. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 04-1073 (enclose an extra copy of this form). 							
	tus (from status indicated s SMALL ENTITY statu	*	☐ b. Applicant is no lo						
NOTE: The Issue Fee and nuterest as shown by the r	d Publication Fee (if requeecords of the United Sta	uired) will not be accepte tes Patent and Trademark	d from anyone other than Office.	the applicant; a reg	istered a	ttorney or agent; or the	e assignee or other party in		
Authorized Signature	mA		Date October 26, 2006						
Typed or printed name Mark J. Thronson Registration No. 33 082									
This collection of inform	ation is required by 37 C	FR 1.311 The information	on is required to obtain o	r retain a benefit by	the nubli	ic which is to file (and	by the USPTO to process)		

an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (07-06)
Approved for use through 01/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Pa	perwork Reduction Act of	1995, no person are r	equired to	respond to a collection	n of informati	ion unless it displays	a valid OMB	control number.				
	Effective on 12/08/	2004		Complete if Known								
Fees pursuant to t	the Consolidated Approp	Application Number		10/688,977-Conf. #4184								
FEE	ETRANS	Filing Date		October 21, 2003								
	For FY 20	First Named Inventor		Yuuichirou Ueno								
	1011120	<i>,</i> 00		Examiner Name J. Yun								
Applican	t claims small entity stat	us. See 37 CFR 1.2	7	Art Unit 2882								
TOTAL AMOU	NT OF PAYMENT	(\$) 1,709.0	00	Attorney Docket No. A8319.0027/)27					
METHOD OF PAYMENT (check all that apply)												
Check X Credit Card Money Order None Other (please identify):												
X Deposit Account Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro LLP												
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)												
x Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee												
Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17												
FEE CALCUI	_ <u>``</u>											
	G, SEARCH, AND E	XAMINATION FE	ES									
		LING FEES		ARCH FEES	EXAMIN	NATION FEES						
Application Ty	ype Fee (\$	Small Entity) Fee (\$)	Fee (\$	Small Entity) Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees F	Paid_(\$)				
Utility	300	150	500	250	200	100	1000.	<u> </u>				
Design	200	100	100	50	130	65						
Plant	200	100	300	150	160	80						
Reissue	. 300	150	500	250	600	300						
	200	100	0	0	0	0						
Provisional		100	U	U	U	U		Small Entity				
2. EXCESS CL							Fee (\$)	Fee (\$)				
Fee Description	! r 20 (including Reiss	nec)					50	25				
Each independe		200	100									
Multiple depend		dding reissaes)					360	180				
Total Claims	Extra Claims	Fee (\$)	Fee l	Paid (\$)	M	ultiple Depende	ent Claims					
		× =			_		Fee Paid (\$	<u>5)</u>				
	nber of total claims paid for				_							
Indep. Claims	Extra Claims	Fee (\$)	Fee	Paid (\$)			-					
		× = _										
	nber of independent claims	paid for, if greater tha	an 3.					_				
3. APPLICATIO	ON SIZE FEE ation and drawings e	vceed 100 sheets	of naner	(excluding electr	ronically fi	iled sequence or	computer					
listings und	der 37 CFR 1.52(e)), raction thereof. See 3	the application si	ze fee dı	ie is \$250 (\$125 :	for small e	ntity) for each a	dditional 50	3				
Total Sheet				idditional 50 or fra		of Fee (\$)	Fee	Paid (\$)				
	100 =			(round up to a who	ole number)	х	=					
4. OTHER FEE							<u>Fees</u>	Paid (\$)				
Non-English	Specification, \$13	0 fee (no small er	ntity disc	ount)			1.4	00.00				
Other (e.g.,	rmal	1,400.00 300.00										
		1307 Fublicat		for early, volunta patent w/o colo	r			9.00				
CUDMITTED BY												
SUBMITTED BY Signature	m	Ch	₹	Registration No.	33,082	Telephone	(202) 42	0-4742				
	Mark I Theres			(Attorney/Agent)	00,002	Date	October 2					
ivame (Print/Type)	Mark J. Thronsor	I				I Daile	JOIODEI 2	.0, 2000				

Mark J. Thronson